PRACTICAL ASSIGNMENT – 2

1. Write a program in java to accept 10 different numbers and display the maximum and the minimum number of the array elements. (Take number from user)
2. Write a Java program to demonstrate polymorphism.
3. Write a Java program to demonstrate copy constructor.
4. Write a Java program to demonstrate constructor overloading.
5. Write a Java program to demonstrate 'this' keyword.
6. Write a Java program to demonstrate 'static' keyword.
7. Write a Java program to demonstrate garbage collection.
8. WAP in java to create employee class with contains basic details of employees like emp_no,name,basic_salary,HRA(15%),DA(80%) and PF(10%). Maintain employee detail and calculate net salary. Create methods allowance() to calculate allowance, process() for calculating net salary and display() to display all information of employee.
9. WAP in java to create a class for student which contains basic details of student like roll_no, name, DOB, Standard. Create a method getData() which accept subject names and marks of 7 subject, calculate() which calculate total, percentage and grad, display() which displays student details and result as an output.
10. WAP in java to create a class product which contains basic details of product like product_id, name, price, quantity etc. create a method purchase() which accept product name, quantity, calculate() which calculate total bill of all product, display will display product bill.
11. Write a C++ program to print mark sheet using class student and marks (use single level inheritance).
12. Write a C++ program to print mark sheet of a student using multilevel inheritance.

    Class Student
    Data members and functions: Rollno, getno(), showno()
    Class Test
    Data members and functions: sub1,sub2,sub3, getmarks(), putmarks().
    Class Result
    Data members and functions: total, avg and display().

13. Write a C++ program to find maximum number form three numbers using multi level inheritance.
14. Write a C++ program to take two values, display its total, subtraction, multiplication and division using hierarchical inheritance.